

Commonwealth of Kentucky
Division for Air Quality
EXECUTIVE SUMMARY

FINAL

Conditional Major, Operating

Permit: F-07-037

Ken Dec Inc.

Horse Cave, KY 42749

March 10, 2009

Mark Labhart, Reviewer

SOURCE ID: 21-099-00018

AGENCY INTEREST: 1780

ACTIVITY: APE20070001

SOURCE DESCRIPTION:

Operations at Ken-Dec facility include zinc die-casting and electroplating (copper, nickel and chrome). Ken-Dec's chromium electroplating facility consists of three (3) separate electroplating lines. Other activities at the facility consist of nonferrous foundry, polishing, titanium die castings, beryllium die castings, precious metal die castings, and copper die castings. There are aluminum die casting units present at the facility; however, they have been idle. There are also three natural gas fired boilers and two natural gas fired drying ovens.

Ken-Dec has been operating under permits S-95-252, S-95-253 Revised, S-96-152, and O-86-19. In January 22, 2001 Ken-Dec submitted a letter to the Division requesting a permit renewal. In June 5, 2007 Ken-Dec submitted a revised permit renewal application to the Division. Since emissions of particulate matter (PM₁₀) are greater than the TV threshold (100 tons per year), Ken-Dec has requested voluntary regulated pollutant emission limitations for this approval to be issued as a source wide Conditional Major permit pursuant to 401 KAR 52:030. This permit will be issued as the initial Conditional Major for the source.

PUBLIC AND U.S. EPA REVIEW:

On February 8, 2009, the public notice on availability of the draft permit and supporting material for comments by persons affected by the plant was published in *The Hart County News-Herald* in Munfordville, Kentucky. In addition, notification of the issuance of the draft permit was sent to the U.S. EPA on January 22, 2009 via e-mail. The public comment period expired 30 days from the date of publication. No comments were received during this period. The permit is now being issued final.